

100-100-100-100

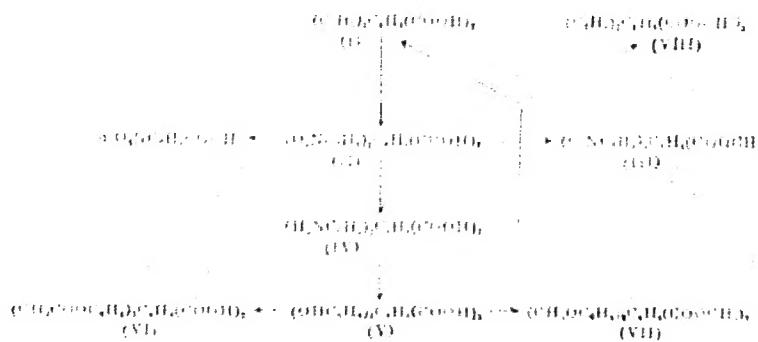
AUTHOR: A. Tsvetkov, A. P. Matveeva, N. N. I.

TITLE: Isomerization in the Flavors of Cyclic Branched Epoxylie Acids. II. Structure of "Thiazinate" Acid and "Thesine"

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, No 2, pp 489-493 (USSR)

ABSTRACT: *p,p'*-Dinitro-*o*-truxillate acid (II) was obtained by nitration of *o*-truxillate acid, in 17.5% yield (mp 193-195°C dec). (II) was oxidized with KMnO<sub>4</sub> and *p*-nitrobenzoic acid was obtained in 54% yield. The corresponding diamine acid (IV) (2.5 g) was obtained by reduction of (II) (7.0 g) (Sn-HCl). It was found that "Thiazinate" acid has the structure of di-*d*-isopropenecadoly-*p*,*p*-dihydroxy-*o*-truxillate (IX).

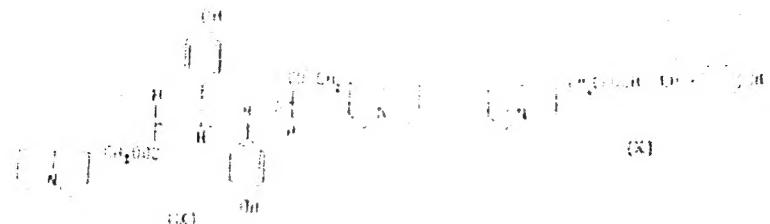
Card 1/3



It was previously shown (ZhOKh, 32, 574, 1960) that "thecinone" has the structure of *d*-1,4-patronecanolyl-*p*-hydroxyfuranone (X).

In continuation of the "Plan of the synthesis of  
dihydroxylic Acid, TF. Stepanov et al."  
"Truxillic Acid and "Tr. Tr."  
"Truxillic Acid and "Tr. Tr."

170-  
DOV/79-30-2-27/78



In the literature there can be found some errors concerning the structure of truxillic acid derivatives. It was found that the compound (mp 272°) which was described as p,p-dihydroxy- $\alpha$ -truxillic acid, actually does not belong to the derivatives of the  $\alpha$ -series. There are 6 references, 2 Soviet, 4 German.

ASSOCIATION: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences, USSR (Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR)  
SUBMITTED: February 20, 1959 Card 3/3

ARENDARUK, A.P.; SKOLDINOV, A.P.

Cyclobutanedicarboxylic acids. Part 3: Basic esters of *d*-truxillic acid. Zhur. ob. khim. 30 no.8:2743-2745 Ag '60. (MIRA 13:8)

1. Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR.  
(Cyclobutanedicarboxylic acid)

KLIMKO, V.T.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Derivatives of  $\beta$ -dicarbonyl compounds. Part 3: Synthesis of 4-substituted pyrazoles. Zhur. ob. khim. 31 no.1:170-175 Ja '61.

1. Institut farmakologii i khimioterapii Akademii meidtsinskikh nauk SSSR.

(Pyrazole)

SOLOV'EV, V.M.; AGENDARUK, A.P.; SKOLDINOV, A.P.

*ω*-Dialkylamino alkyl esters of 3,4,5-trimethoxybenzoic acid.  
Zhur. ob. khim. 31 no. 8:2577-2585 Ag '61. (MIRA 14:8)  
(Benzoic acid)

KALININA, N.N.; KLINKO, V.T.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Functional derivatives of malondialdehyde and their reactions.

Part 11: Alkyl- $\beta$ -acroleylcarbonates. Zhur. ob. khim. 32  
no. 7, 2146-2151 (J: 1962) (MIRA 15:7)

I. Institut farmakologii i khimioterapii Akademii meditsinskikh  
nauk SSSR.

(Malonaldehyde) (Carbonic acid) (Acrolein)

SOLOV'YEV, V.M.; SKOLDINOV, A.P.

$\alpha$ - $\omega$ -Substituted alkanes with possible biological importance.  
Part 3: Synthesis of  $\alpha$ , $\omega$ -dialkylaminoalkyl chlorides. Zhur.  
ob.khim. 32 no.2:439-445 F '62. (MIRA 15:2)

1. Institut farmakologii i khimioterapii AMN SSSR.  
(Alkyl chlorides)

KRITSYU, A.M.; LIKHOVILASTOV, A.M.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

"Ethambutol" and related compounds. Synthesis and stereocchemical relations. Dokl. Akad. Nauk SSSR 145 no.2:332-335 J1 '62. (MFA 15:7)

1. Institut farmakologii i khimioterapii AMN SSSR. Predstavлено  
академиком А.Н.Несмейяновым.  
(Ethane) (Butanol)

KLIMKO, V.T.; PROTOPOPOVA, T.V.; SMIRNOVA, N.V.; SKOLDINOV, A.P.

Functional derivatives of malonodialdehyde and their reactions.  
Part 12: Preparation of  $\beta$ -alkoxyacroleins. Zhur. ob. khim. 32  
no.9:2961-2966 S '62. (MIRA 15:9)

1. Institut farmakologii i khimioterapii AMN SSSR.  
(Acrolein)

KLIMKO, V.T.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Synthesis and some transformations of  $\beta$ -substituted acroleins.  
Dokl. AN SSSR 146 no. 5:1084-1087 0 '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut farmakologii i khimioterapii  
AN SSSR. Predstavлено академиком A.N.Nesmeyanovym.  
(Acrolein)

SHIGORIN, D.N.; SHAPET'KO, N.N.; SKOLDINOV, A.P.; RYABCHIKOVA, T.S.

Nature of the hydrogen bond in systems with  $\pi$ -electrons and  
its effect on the proton magnetic resonance. Dokl. AN SSSR 148  
no.5:1141-1144 F '63. (MIRA 16:3)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova. Predstavлено  
академиком V.A.Karginym.

(Hydrogen bonding)  
(Nuclear magnetic resonance and relaxation)

ARENDARUK, A.P.; KRAVCHUK, L.A.; SKOLDINOV, A.P.; KHARKEVICH, D.A.

Chemical and pharmacological research in the series of derivatives of cyclobutanedicarboxylic acids. Uch.zap. Inst. farm. i khimoter. AMN SSSR 3:138-157'63. (MIRA 16:9)

1. Department of Pharmacology (Head - Prof. V.V.Zakusov, Member of the U.S.S.R. Academy of Medical Sciences) and Department of Organic Synthesis (Head - Candidate of Chemical Sciences A.P.Skoldinov) of the Institute of Pharmacology and Chemotherapy of the U.S.S.R. Academy of Medical Sciences.

(CURARELIKE SUBSTANCES)

SOLOV'YEV, V.M.; SKOLDINOV, A.P.

$\alpha, \omega$ -Substituted alkanes of possible biological importance. Part 4:  
Synthesis of  $\alpha, \omega$ -bis(dimethylamino)alkanes. Zhur. ob. khim. 33  
no. 6:1821-1826 Je '63. (MIRA 16:7)

1. Institut farmakologii i khimioterapii AMN SSSR.  
(Paraffins) (Amines)

SHIGORIN, D.N.; SKOLDINOV, A.P.; RYABCHIKOV, T.S.

Determination of the formation energy of a quasiaromatic cycle  
with an H-bond from molecular infrared spectrum data. Dokl. AN  
SSSR 149 no.2:341-344 Mr '63. (MIRA 16:3)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova. Predstavлено  
академиком V.A.Karginym.  
(Hydrogen bonding) (Molecular spectra)

SHAPET'KO, N.N.; SHIGORIN, E.N.; SKOLDINOV, A.P.; RYABCHIKOVA, T.S.; RESHETOVA, L.N.

Chemical shifts of nuclear magnetic resonance of protons of C—H compounds forming an intramolecular hydrogen bond of the O—H...O type.  
Opt. i spektr. 17 no.3:459-461 S '64. (MIRA 17:10)

KLIMKO, V.T.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Functional derivatives of malondialdehyde and their reactions. Part 13:  
Some transformations of  $\beta$ -alkoxyacroleins. New synthesis of  $\beta$ -chloro-  
acroleins. Zhur. ob. khim. 34 no.1:109-114 Ja '64. (MIRA 17:3)

1. Institut farmakologii i khimioterapii AMN SSSR.

POPOVA, R.Ya.; PROTOPOPOVA, T.V.; VINOKUROV, V.G.; SKOLDINCV, A.P.

Functional derivatives of malodinaldehyde and their reactions. Part  
14: Condensation of some allyl halides with vinyl ether. Zhur. ob. khim.  
34 no.1:114-119 Ja '64. (MIRA 17:3)

1. Institut farmakologii i Khimioterapii AMN SSSR.

IVANOV, A.I.; VINOKUROV, V.G.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Synthesis of stereoisomeric  $\beta$ -chlorovinyl carbonyl compounds. Zhur. ob.khim. 34 no.1:354-355 Ja '64. (MIRA 17:3)

1. Institut farmakologii i khimioterapii AMN'SSR.

ALEKSANDROVA, I.P.; SHICORIN, D.N.; SKOLDINOV, A.P.

X-ray spectra of quasi-aromatic inner-complexes of copper.  
Zhur. fiz. khim. 38 no. 5:1203-1209 My '64. (MIRA 18:14)

I. Fiziko-khimicheskiy institut imeni Karpova. Submitted  
June 8, 1963.

zdravie, L. I. (L. I. N., A. A.). RIABOVA (VA. P. A., G. D.). Moscow<sup>1</sup>

1. The following information is provided by the following source:  
Name: RIABOVA, VA. P. A. G. D. (VA. P. A., G. D.).  
Address: 38, Bol'shaya Konyushennaya, Moscow, 107000.

(V.RA 1982)

2. P. A. G. Konyushennaya Institute, Moscow, Leningrad, USSR.

SHRAMOVA, Z.I.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Vinyl analogs of mixed anhydrides of carboxylic and carbonic acids.  
Zhur. ob. khim. 34 no.10:3511-3512 0 '64.

(MIRA 17:11)

1. Institut farmakologii i khimioterapii AMN SSSR.

SHRAMOVA, Z.J.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

Derivatives of  $\beta$ -dicarbonyl compounds. Part 4: Vinyl analogs  
of mixed anhydrides of carboxylic and carbonic acids. Zhur. ob.  
khim. 34 no.11:3652-3654 N '64 (MIRA 18:1)

1. Institut farmakologii i khimioterapii AMN SSSR.

LEBEDEVA, A.S.; LIKHOSEPSTOV, A.M.; SKOLDINOV, A.P.

Derivatives of azacycloalkanes. Part 1: N-substituted  
α-pyrrolidinecarboxylic acids and their esters. Zhur. ob.  
khim. 34 no.11:3806-3809 N '64 (MIRA 18:1)

1. Institut farmakologii i khimioterapii AMN SSSR.

LEBEDEVA, A.S.; LICHOSHERSTOV, A.M.; SKOLDINOV, A.P.

Derivatives of azacycloalkanes, Part 2: Dialkylaminoalkyl  
esters of N-substituted  $\delta$ -pyrrolidinecarboxylic acids.  
Zhur. ob. khim. 34 no.11:3809-3811 N '64 (MIRA 18:1)

1. Institut farmakologii i khimioterapii AMN SSSR.

SHAPET'KO, N.N.; SHICOMIN, D.N.; SKOLDINOV, A.F.; RYABCHIKOVA, T.S.;  
RECHETOVA, L.N.

Chemical shifts of nuclear magnetic resonance of protons and  
infrared frequencies of compounds with strong intramolecular  
hydrogen bond of the type O - H...O. Zhur. strukt. khim. 6  
no.1:155-157 Ja-F '65. (MIRA 18:12)

I. Fiziko-khimicheskiy institut imeni L.Ya.Karpova. Submitted  
August 10, 1964.

KOZINA, M.P.; GRIGORIN, D.N.; SKOLDINOV, A.P.; SKURATOV, S.M.

Thermochemical determination of the stabilization energy for a  
quasiaromatic ring with an H-bond. Dokl. AN SSSR 160 no.5:1114-  
1116 F '65. (MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet i Fiziko-khimicheskiy  
institut im. L.Ya. Karpova. Submitted August 18, 1964.

POPOVA, Ye.G.; SHIGOREN, D.N.; SHAIET'KO, N.N.; SHOLDINOV, A.P.; GOL'YEV, G.A.

Symmetry of quasi aromatic rings. Zhar.Kh.khim. 30 no.11:2726-  
2729 N 165.

(MLRA 18:12)

I. Moscowckiy fiziko-khimicheskiy institut imeni L.V. Karluva.

ALEKSANDROV, P.N.; BOGDANOVA, V.A.; IVANOV, A.I.; SKOLDINOV, A.P.;  
CHERNUKH, A.M.

Method for preliminary estimation of teratogenic activity of  
pharmacological preparations on chicken embryos. Vest. AMN  
SSSR 20 no.3:78-81 '65. (MIRA 18:7)

1. Institut farmakologii i khimioterapii AMN SSSR, Moskva.

ACC NR: AP6025393

SOURCE CODE: UR/0366/66/002/007/1261/1265

AUTHOR: Smirnova, N. V.; Skoldinov, A. P.

ORG: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences, SSSR  
(Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR)

TITLE: Oligomeric N-methylated amides and amines. I. Sarcosine derivatives

SOURCE: Zhurnal organiceskoy khimii, v. 2, no. 7, 1966, 1261-1265

TOPIC TAGS: polyamide, oligomeric amide, oligomeric amine, peptide synthesis,  
OLIGOMER, POLYAMINE, COMPOUND, CHEMICAL SYNTHESIS,

ABSTRACT: METHYLATION, ORGANIC AMIDE, AMINE.

To determine the relation between structure and biological activity, it appeared of interest to investigate synthetic routes to various polyfunctional compounds with repeating N-alkylamido and N-alkylamino groups, since, in some cases, accumulation of such polar groups leads to enhancement of pharmacological activity. Employing methods of peptide synthesis (method of mixed anhydrides, trityl protection of terminal amino group) oligomeric polyamides of the type  $\text{CH}_3[\text{N}(\text{CH}_3)\text{CH}_2\text{CO}]_n\text{N}(\text{H}_3)_2$ , where  $n = 1, 2, 3$ , were synthesized, as well as the polyamines resulting from their reduction.

[W.A. 50; CBE No. 10]

SUB CODE: 07/ SUBM DATE: 15Jul65/ OTH REF: 007/

UDC: 547.298.1

Card 1/1

ACC NR: AP6025394

SOURCE CODE: UR/0366/66/002/001/1269/1272

AUTHOR: Smirnova, N. V.; Skoldinov, A. P.

ORG: Institute of Pharmacology and Chemotherapy, Academy of Medical Sciences, SSSR  
(Institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR)

TITLE: Oligomeric N-methylated amides and amines. II Isoindoly-N-ethylethylene-diamines

SOURCE: Zhurnal organicheskoy khimii, v. 2, no. 7, 1966, 1269-1272

TOPIC TAGS: oligomeric amine, protein synthesis, polypeptide isoindole derivative, oligomer, chemical synthesis, amine

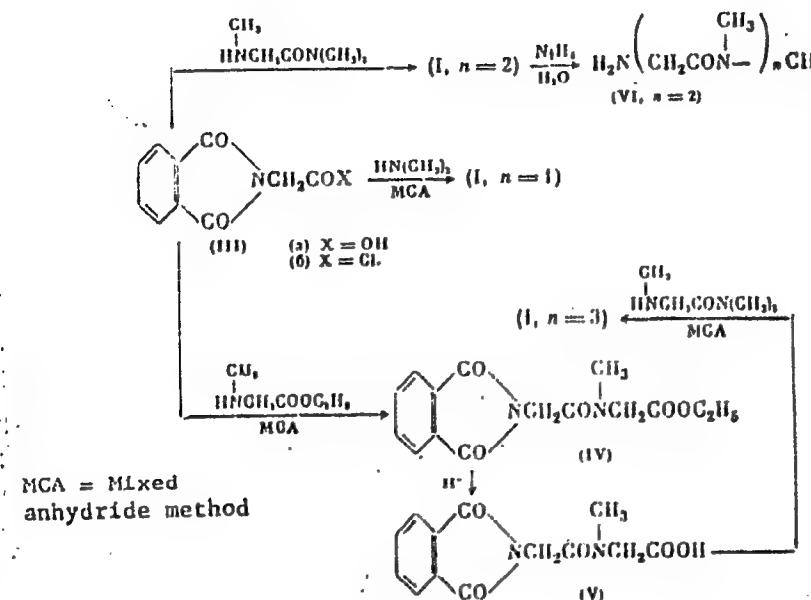
ABSTRACT:

Continuing the work on the synthesis of oligomers containing repeating N-methyl fragments, a number of oligomers were synthesized, which incorporated isoindolyl groups. Sarcosine units were attached to glycine, employing phthalyl protection of the terminal amino group. Reduction

Card 1/3

UDC: 547.298.1

ACC NR: AP6025394

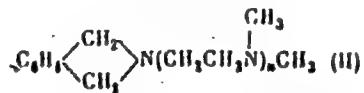


Card 2/3

ACC NR: AP6025394

with lithium aluminum hydride yielded exhaustively methylated oligomeric amines.

Table 1. Oligomeric amines



n	$\gamma_{D}^{20}$ ( $\lambda$ )	bp (mm)	$n_D^{20}$	R <sub>f</sub>	Found %			Formula	Calculated %			Methiodide					
					C	H	N		C	H	N	mp (decomp.)	Found %	J	N	Formula	Calcd %
1	491.0 (0.06)	85-90° (0.06)	1.5226	0.57	75.75, 75.51	9.48, 9.60	11.55, 11.62	$\text{C}_{10}\text{H}_{11}\text{N}_3$	75.74	9.53	11.72	225-226° (ethanol)	53.92, 51.88	5.61, 5.70	$\text{C}_{10}\text{H}_{11}\text{I}_2\text{N}_4$	51.53	5.91
2	70.8 (0.01)	116-117 (0.01)	1.5177	0.41	72.50, 72.44	10.12, 10.14	18.66, 16.79	$\text{C}_{10}\text{H}_{21}\text{N}_3$	72.76	10.19	18.83	182-183 (methanol)	57.04, 56.59	6.19, 6.47	$\text{C}_{10}\text{H}_{21}\text{I}_2\text{N}_3$	56.35	6.24
3	67.0 (0.03)	145-150 (0.03)	1.5150	0.31	70.70, 70.65	10.47, 10.58	18.42, 18.66	$\text{C}_{10}\text{H}_{31}\text{N}_3$	71.00	10.51	18.40	170-179 (80% ethanol)	59.03, 57.90	6.49, 6.66	$\text{C}_{10}\text{H}_{31}\text{I}_4\text{N}_4$	58.21	6.44

Orig. art. has: 1 table.

[W.A. 50; CBE No. 10]

SUB CODE: 07 / SUBM DATE: 15Jul65 / ORIG REF: 001 / OTH REF: 003 /

Card 3/3

39196

S/264/62/000/002/002/003

I006/1206

7 {, 111 11

AUTHOR: Prokop, Josef, and Skolicky, Leopold

TITLE: Hydraulic device for airscrews of variable pitch

PERIODICAL: Referativnyy zhurnal, vozдушный транспорт. Сводный том, № 2, 1962, 26, abstract  
2 A170 P. Czech. patent, class 62c, 5/02, no. 93867, February 15, 1960

TEXT: The patented hydraulic device for propellers with variable pitch is characterized by the fact that an additional spring-type hydraulic accumulator is introduced into the ordinary two-sided hydraulic propeller control system, which brings the propeller blades into weathervane position and then withdraws them. During normal working of a propeller the hydraulic accumulator is filled with oil by the pump and is always ready for action by turning a handle in the pilot's cabin. A diagram shows the propeller action with the regulating system.

[Abstracter's note: Complete translation.]

X

Card 1/1

SKOLIK, JERZY

*Ch* ✓ The literature in aqueous solutions  
Higher School Economy, Poznan, Poland  
Chem. 10, 369-40 (1976). The following topics are re-  
viewed: solvents, standard solns, the dist. of the acid  
polat, applications of titration, accuracy of titration, and  
sources of errors. *J* Jerzy Skolik  
Adm in Sponorship

SKOLIK, J.; WIEWIOROWSKI, M.

Microphotometric method for the determination of lupine alkaloids. In German. p. 461

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Uncl.

ACHMATOWICZ, O.; ACHMATOWICZ, S.; SKOLIK, J.; WIEWIOROWSKI, M.

The alkaloids of Strychnos nux vomica. Pt. 8. Bul chim  
PAN 12 no. 1:9-14 '64.

1. Department of Organic Chemistry, University, Warsaw, and  
Department of Organic Chemistry, University, Poznan. Presented  
by O. Achmatowicz.

country	: Poland	F
category	:	
ARS. JOUR.	: RZKhim., No. 51960, No.	17680
AUTHOR	: Sholik, J.	
	: Bot. River	
	: A Simple Device for Depositing Substances on Small Spots in the Preparation of Chromatograms	
CPY. PUB.	: Roczniki Chem., 53, No 2, 525-528 (1959)	
ABSTRACT	A simple device is proposed for the deposition of small spots on filter paper in the preparation of chromatograms; the chromatographic strip is clamped horizontally between two plates in such a way that the spot at which the substance is to be placed is at the center of the opening provided in the plates. The mixture of substances is transferred with a micropipette to the center of a narrow strip of Whatmann paper and allowed to dry, after which one end of the strip is cut in the form of a cone	

17680-1/2

WIEWIOROWSKI, M.; SKOLIK, S.

Correlation between the basicity and molecular structure of certain  
lupine alkaloids and their derivatives. Biul chim PAN 11 no.2:69-  
75 '63.

1. Katedra Chemii Organicznej, Uniwersytet im. Adama Mickiewicza,  
i Katedra Chemii Ogolnej, Wyzsza Szkoła Ekonomiczna, Poznań.  
Presented by J. Suszko.

MISEK, Alois; SKOLIK, Vladimir, inz.; SIROKY, Jiri

Subsidiary and auxiliary services in industrial constructions.  
Podnik organizace 16 no.12:544-546 D '62.

1. Technicko-organizacni vyzkumnny ustav strojirensky.

SKOLIL, Vladimir, inz.

Experiences in the stage system. Pod org 17 no.4:162-164 Ap '63.

1. Technicko-organizacni vyzkumny ustav strojirensky.

SKOLIL, V., inz.

Some remarks on the deliveries of a complete plant equipment in  
the German Democratic Republic. Pod org 17 no.6:285-286 Je '63.

1. Technicko-organizacni vyzkumny ustav strojirensky.

SKOLNIOWSKI, H.

Report on the studies in England of the history of surveying. p. 405

PRZEGŁAD GEODEZYJNY. (Stowarzyszenie Naukowe-Techniczne Geodetów Płaskich)  
PRZEGŁAD GEODEZYJNY. (Stowarzyszenie Naukowe-Techniczne Geodetów Płaskich)  
Warszawa. Vol. 15, no. 10, October 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

SECRET SOURCE, 1.

A little-known and valuable instruction of I.M.J. (To be contd.)

1. 70 (CONT'D) (SECRET) Poland, Vol. 13, No. 2, Feb. 1957

2. (CONT'D) (SECRET) European Accessions (All 4) Vol. 6, No. 11, November 1957

SKOLDOWSKI, Henryk

Evolution of the meaning of the terms geodesy and geodesist  
in the light of Polish handbooks on geodesy from the 16th  
to 18th centuries. Kwart hist nauki i tech 8 no.2:245-255  
'63.

EXCERPTA MEDICA Sec 11 Vol 9/6 O.R.L. June 56

1123. SKOLIMOWSKI K. Klin. chor. Uszu, Nosa i Gardła P.A.M. w Szczecinie. \*0  
naczynioworuchowym nieżycie nosa pochodzenia niealergicznego. Non-  
allergic vasomotor rhinitis. POL. TYG. LEK. 1955, 10/26 (862-  
864)

A distinction is made between allergic and non-allergic vasomotor rhinitis, but  
sometimes proper diagnosis is difficult. In some non-allergic cases anatomical  
changes in the nose may be the cause of reflex neurosis and vasomotor reaction.  
In 8 cases a submucous removal of cristae and spinae septi was performed and in  
4 a permanent cure followed.

Prujanansky - Tel-Aviv

WOYKE, Stanislaw; SKOLIMOWSKI, Krystyn

Neurinomas of the neck and pharynx. Otolar. polska 10 no.2:  
187-190 1956.

1. Z Zadludu Anatomii Patolog. PAM w Szczecinie Kier. prof.  
dr. Stojalowski. Z Kliniki Laryngol. PAM w Szczecinie Kier.:  
prof. dr. J. Taniewski. S. Woyke. Szczecin, ul. Kochanowskiego  
23.

(NECK, neoplasms  
neurinoma (Pol))  
(PHARYNX, neoplasms  
(same))

SKOLIMOWSKI, Krystyn

*Case of persistent sneezing (ptarmus). Polski tygod. lek. 13 no.51:  
2086-2087 22 Dec 58.*

1. (Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie: Kierownik: prof.  
dr J. Taniewski).  
(SNEEZING  
ptarmus, persistent (Pol))

J-3

POLAND/Soil Cultivation. Mineral Fertilizers.

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1243.

Author : Grzymala, J., Rutkowska, B., Skolimowski, L.

Inst :  
Title : The Value of Vivianite for Fertilizer.

Orig Pub: Nowe roln., 1956, 5, No 7, 536-543.

Abstract: In most cases analysis of the vivianites taken from lowland peat bog indicates a high phosphorous content 19.8-22.2% P<sub>2</sub>O<sub>5</sub>; but there are some less valuable deposits containing 1.6-7.4% P<sub>2</sub>O<sub>5</sub>. Vegetation experiments on peat bog soils with rye grass and timothy sown for two years indicate that the total yields over the two years were as high when vivianite was used as when superphosphate, Thomas slag, and phosphorite were used, although the plants utilized considerably less phosphorous from the vivianite. Oats utilized almost the same quantities of phosphorous

-10-

Card : 1/3

CATEGORY :  
CATEGORY :  
ABS. JOUR. : RZhSiel., No. 4,1959, No. 15+16  
AUTHOR :  
INST. :  
TITLE :  
ORIG. PUB. :  
ABSTRACT : concerning the use of  $^{32}P$  on a neutral soil  
on vivianite the rate of  $^{32}P$  on a neutral soil  
consisted of 11.0%, for phosphorite 2.0%, and  
for superphosphate 53.0%, and on acid soil re-  
spectively 10.0, 15.6, and 54.0. Timothy gave  
similar results. Treatment clover reached maxi-  
mum availability in vivianite and phos-  
phorite, but identifiability in vivianite and phos-  
phorite with a strong reduction of superphosphate  
in acidic environments on root nod with an ordi-  
nary dosage of vivianite the PIV harvest was

Card: 1/3

37

SCHEININGER, E.

TECHNOLOGY

TELEGRAM: DESCRIBED VOL. 10, NO. 6, JUNE 1951

SCHEININGER, E. SWIMMING POOL FOR READING - INT'L. - 201.

Annual List of East European Accessions (EAA) to Vol. 6, no. 4.

April 1950, Enclosure

PAVELE, M.; SKOLIS, A.; RUNCE, R., red.; SILINS, V., tekhn. red.

Riga. Riga, Latvijas Valsts izdevnieciba, 1961. 15 p.  
[Text in three languages] 35 p. (MIRA 15:2)  
(Riga--Views)

SKOLIS, Ya.; PRIEDITIS, Kh., red.; PASTARE, D., tekhn. red.

[Port of registration, Riga; expansion of shipping in Soviet  
Latvia] Port pripiski - Riga; razvitiye morskogo transporta Sovet-  
skoi Latvii. Riga, Latvianskoe gos. izd-vo, 1961. 147 p.  
(MIRA 14:10)

(Riga--Harbor)

(Latvia--Shipping)

SKOLJAREV, Stjepo, porucnik bojnog broda

Measuring depths of the Adriatic within the framework of the International Geophysical Year. Hidrograf. god 1958 (Published 1959):155-163.  
(EEAI 9:5)

1. Jugoslovenska ratna mornarica.  
(Adriatic Sea) (Yugoslavia—Hydrography)  
(International Geophysical Year, 1957-1958)

YUGOSLAVIA

BRKOLJEW, J. and Zvonko KOTNIK, Clinic for Diseases of the Mouth, Teeth and Jaws (Klinika za Bolesti Usta, Zubu, i Zubača), Faculty and Jaws (Klinika za Bolesti Usta, Zubu, i Zubača), Military Medical Academy (Vojnomedicinska Akademija), Belgrade.

"Follicular Cysts of the Jaws."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol. 90, No. 12 December 1962, pp. 1177-1183.

Abstract: Authors' French summary modified. The authors report with clinical material on follicular cysts of the jaws in 15 patients observed over a period of 10 years. The cysts occur most often between the ages of 30 and 40. They may be seen more often in women (10:7). Cysts were found in the region of the incisors in 12 cases, in the region of the premolars in seven cases, and otherwise in the region of the first teeth. Most of the patients appeared with manifest symptoms or else the cysts were a complication, with radiography used to confirm diagnosis. Marsupialization and enucleation have been successful therapy.

SKOLKA, H.

Composition and quantity of marine phytoplankton along the Romanian littoral  
of the Black Sea in 1955 and 1956. p.61.

Hidrobiologia. (Academia Republici Populare Romane. Comisie de Hidrologie,  
Hidrobiologie si Intiologie) Bucuresti, Rumania. Vol. 1, 1958 .

Monthly list of East European Acce.sions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

PETROVA, V.I.; SKOLKA, H.

Massive development of the species *Nitzschia seriata* Cl. in the waters of the Black Sea. Studii cerc biol s. bot 16 no. 1: 47-60 '64.

1. "Varna R.P.B." Institute of Fishing, "Traian Savulescu" Institute of Biology, Laboratory of Oceanology, Constanta.

MANEA, Vasile; SKOLKA, Hilarius

Marine microphytobenthos of the littoral of Chituc, Comunicarile  
AR 11 no.5: 535-538 My '61.

1. Statiunea de cercetari marine, Constanta. Comunicare prezentata  
de Th. Busnita, membru corespondent al Academiei R.P.R.

SKOLEK, J.

Application of statistical analysis in evaluating the economic efficiency  
of repairs and renovations of machine tools. p. 379. (Strojirenstvi,  
Vol. 7, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) 1C, Vol. 6, No. 8, Aug 1957. Uncl.

SKOLKA, Jiri, inz.

Structural analysis. Tech praca 14 no.8:588-590 Ag '02.

1. Ekonomicky ustav, Ceskoslovenska akademie ved, Praha.

SKOLKA, Jiri, inz., C.Sc.

Extensive use of structural tables for technical and economic analysis. Pod org 17 no.4:149-152 Ap '63.

1. Ekonomicky ustav, Ceskoslovenska akademie ved.

L 3051-66 EWT(d)/T/EWP(1) IJP(c)  
ACCESSION NR: AP5026343

CZ/0088/65/000/001/0062/0073

46

B

AUTHOR: Skolka, Jiri (Engineer, Candidate of sciences)

TITLE: Use of the measure of information for the aggregation of input-output  
tables

SOURCE: Kybernetika, no. 1, 1965, 62-73

TOPIC TAGS: economics, mathematic model, information theory

16, 11, 55

ABSTRACT: The possibility is demonstrated of using Shannon's entropy rate for  
solving the problem of aggregating input-output tables of the national economy.  
From the viewpoint of economics, the results obtained with the method are  
satisfactory. Orig. art. has: 24 formulas.

ASSOCIATION: Ekonomicky ustav CSAV, Ekonomicko-matematicka laborator, Prague  
(Economics-Mathematics Laboratory, Economics Institute of the CSAV)

44, 55

SUBMITTED: 27Jun64

ENCL: 00

SUB CODE: MA, GO

NO REF Sov: 002

OTHER: 014

JPRS

Card 1/1

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001551030003-3

2000-06-12 10:00:00

Additional file: V.S.Watinov; obituary Podn.org 19 no.2:83 p.165.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001551030003-3"

SKOLKA, V. Khilarius; BODYANU, N. [Bodeanu, N.]

Studies on the phytoplankton of the Pre-Besporan area  
of the Black Sea. Rev biol 8 no. 1: 89-104 '63.

1. Institut Biologii im. Tr, Sevulesku Akademii RNR,  
Laboratoriya okeanologii.

COUNTRY : Czechoslovakia H-23  
CATEGORY :  
ABG. JOUR. : RZKhin., no. 1959, no. 87924  
AUTHOR : Skollova, Z.; Hemala, M.  
INST. : Petroleum Research Institute  
TITLE : Chemical De-emulsification of Czechoslovak  
Petroleum  
ORIG. PUB. : Prace ustavu naft. vyzkum, 1958, 9, No 34-39,  
47-55  
ABSTRACT : A study of the breaking of petroleum-water  
emulsions by means of some products which are manufactured  
in Czechoslovakia for use in the petroleum industry. The  
chemical composition is stated of the de-emulsifying agents  
which include components known under various designations:  
Erifor EL, mixture of Erifor O and ammonium salt of Neokal,  
etc. The recommended de-emulsifying agents are used in the  
form of 5% aqueous solutions, at 20-40° (at 90° with highly  
viscous emulsions). -- Ya. Satunovskiy

CARD:

HEMALA, Milan, RNDr.; SKOLLOVA, Zdenka, inz.

Methods of calculating the original hydrocarbon content in a reservoir rock. Geol pruzkum 6 no.2:47-49 F'64

1. Ceskoslovenske naftove doly, n.p., Hodonin, vyzkumny ustav Brno.

SKOL'NIK, G. M.

AID P - 1896

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 1/25

Authors : Skol'nik, G. M. and Sokolov, V. P., both Engs.

Title : Experience with burning coal from the Bashkirskaya ASSR

Periodical : Energetik, no2, 1-3, F 1955

Abstract : The authors describe their two years of experience with burning of coal from the Babayev coal field in the Bashkirskaya ASSR. The heat and power plant is equipped with unit system coal mills. The coal contains a high percentage of volatiles which requires a special structure of the furnace. Four diagrams illustrate some of the equipment used for burning the coal.

Institution: None

Submitted : No date

AID P - 3347

Subject : USSR/Electricity  
Card 1/1 Pub. 29 - 5/27  
Author : Shcheglov, V. F., Kand. Tech. Sci.  
Title : Operation of electric power stations on Bashkir coal  
Periodical : Energetik, 9, 11-12, S 1955  
Abstract : In this journal, No. 2, 1955, was published an article by G. M. Skol'nik and V. P. Sokolov, Engs.,: "Experience in burning Bashkir coal". The article resulted in several comments which the author summarizes. The problem of burning coals with a high degree of moisture is very important, because the exploitation of such coals has developed rapidly in recent times, and difficulties still exist in burning them efficiently. The author gives some data from two electric power plants and asks for more comments.  
Institution : None  
Submitted : No date

SKOL'NIK, G.M., inzhener; SOKOLOV, V.P., inzhener.

Preventing damage to the steam superheater. Energetik 4 no.3:  
10-11 Mr '56. (Superheaters) (MLRA 9:6)

ZORIN, V.S., inzh.; RYABTSEV, N.I., inzh.; SKOL'NIK, G.M., inzh.

Advantages of the organization of repair and maintenance enterprises in power engineering systems on a territorial basis.  
From:energ. 20 no.12:5-8 U '65.

(MIRE 18:12)

ACC NR: AP6025060 (A,N) SOURCE CODE: UR/0094/66/000/005/0010/0014

AUTHOR: Ryabtsev, N. I. (Engr.); Skol'nik, G. M. (Engr.); Rakhmilevich, Z. Z. (Engr.); Myslitskiy, Ye. N. (Engr.)

ORG: Promenergo Production-Technical Enterprise (Proizvodstvenno-tehnicheskoye predpriyatiye Promenergo)

TITLE: Straight through valves for piston air compressors

SOURCE: Promyshlennaya energetika, no. 5, 1966, 10-14

TOPIC TAGS: air compressor, ring valve, piston air compressor, valve design

ABSTRACT: The article describes in detail the advantages to be gained from the use of new straight-through valves, rather than the older ring type, on air compressors. These new valves were developed at the Leningrad Branch, All-Union Scientific-Research Institute for Chemical Machine Building (Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskogo mashinostroyeniya). The valves have seats made of light aluminum alloy AL-2 to ensure the required strength and casting properties. A total of 110 seats of 14 standard sizes is required to outfit a type 200V-10/8 compressor with these straight-through valves. These valves, which can be used with a wide variety of multistage air compressors (including the 2SA-8, 2R-20/8, VP-10/8, 2VP-20/8, 5VP-30/8, and the second stage of the 2V-100/8) were tested and found to be superior to ring valves in a number of important areas. For example,

Card 1/2

UDC: 621.512:62.33

ACC NR: AP6025060

using a system of wearing in the valves on an operating compressor, rather than machining them under nondynamic conditions, it was discovered that after 150 hr running time valve tightness exceeded specified standards, because of excellent alignment of disks to seats. Compressor output with the straight-through valves is 11% better after 200 hr than in the case of the ring type. Similarly, after 200 hr 15% less electric power is required to drive the compressor pistons (132 kw/hr as opposed to 170 kw/hr for the ring type to bring 1000 m<sup>3</sup> to a pressure of 8 at:). Noise level and wear were also found to be significantly reduced, with delivery temperature reduced 13—15° in the first stage and 23—25° in the second. The article contains other information illustrating the improved efficiency which may be anticipated through the use of these valves. Orig. art. has: 4 figures.

SUB CODE: 13/ SUBM DATE: none

Card 2/2-1C

SKOL'NIK, I.D., inzh.; NESSLER, A.M., inzh.; SOKOLOV, G.V., inzh.

Response to M.M. Moiseenko's article "Changing the structure  
of sewing threads". Tekst. prom. 19 no.9:60-63 S '59.  
(MIRA 12:12)

(Thread)

LANOVSKIY, M.G., red.; SKOL'NIK, I.D., red.

[Scientific and technical contest papers of the members of the Scientific and Technical Society of the Textile Industry for the period from 1962 to 1963; materials on an exchange of experience in production technology] Konkursnye nauchno-tehnicheskie raboty chlenov NTO tekstil'noi promyshlennosti za 1962 - 1963 g.; materialy po obmenu proizvodstvenno-tekhnicheskim opytom. Leningrad, Nauchno-tehn. ob-vo leg-koi promyshl. Leningr. pravlenie, 1964. 89 p.

(MIRA 18:4)

TAKACS, L.; KALAY, K.; SKOLNIK, J.

Studies on the renal, cardiac and skin fraction of cardiac output in rats with  $\text{RB}^{86}$  in ischemic shock and hemorrhage. Acta med. hun. 14 no. 4: 457-458 '59.

1. 2nd Department of Medicine, University, Budapest.

(HEMORRHAGE exper.)

(SHOCK exper.)

(HEART physiol.)

(KIDNEY physiol.)

(SKIN physiol.)

TAKACS, Lajos, az orvostudomanyok kandidatusa; KALLAY, Kalman; SKOLNIK, Jozsa;  
Technikai munkatarsak: Vajda Dezso, Turcsanyi Sandorne, Albert Karola,  
Karai Antal

Effect of ischemic shock and acute bleeding on the blood circulation  
in the rat's organs. Biol orv kozl MTA 12 no.1/2:149-155 '61.

1. Budapesti Orvostudomanyi Egyetem II.sz.Belklinikaja.

+

NAGY, Zoltan, dr.; SKOLNIK, Jozsa

Effect of cocarboxylase on the minute volume in arterial hypoxia.  
Magy. Belorv. arch. 15 no.2:62-66 Ap '62.

1. A Budapesti Orvostudomanyi Egyetem II. sz. Belklinikajának  
(Igazgató: Gomori Pal dr. egyetemi tanár) kozleménye.  
(ANOXIA exper) (BLOOD VOLUME)  
(COCARBOXYLASE pharmacol)

FISCHER, A.; EGEDY, S.; SKOLNIK, J.

Contribution to the pathomechanisms of hyposthenuria. Acta med. Hung.  
18 no.2:197-212 '62.

1. II. Medizinische Klinik (Vorstand: Prof. Dr. P. Gomori) der  
Medizinischen Universitat, Budapest.  
(URINE)

SOMOGYI, Gyorgy, dr.; VARGA, Laszlo, dr.; SKOLNIK, Jozsa

On the radiorenogram, Orv. hetil. 103 no.27: 1262-1263 8 Jl '62.

1. Budapesti Orvostudomanyi Egyetem, II Belklinika es Orvosi Fizikai  
Intezet.

(KIDNEYS radiog)

NAGY, Z.; SKOLNIK, J.

The effect of cocarboxylase on cardiac output in acute hypoxia.  
Acta med. acad. sci. hung. 19 no.1:59-66 '63.

1. Second Department of Medicine (Director Prof. P. Gomori),  
University Medical School, Budapest.  
(THIAMINE PYROPHOSPHATE) (HEART) (PHYSIOLOGY)  
(ANOXIA)

SKOLNIK, Jozsa; GOMARI, Pal, dr.

Changes in the monoamine oxidase activity of the brain and the liver under the influence of dihydrochlorothiazide in white rats. Orv. hetil. 104 no.48:2266-2267 1 D '63.

1. Budapesti Orvostudomanyi Egyetem, II Belklinika.  
(HYDROCHLOROTHIAZIDE) (MONOAMINE OXIDASE)  
(LIVER ENZYMOLOGY) (BRAIN ENZYMOLOGY)

HUNGARY

SKOLNIK, Jozsa, Dr, TAKACS, Lajos, Dr, SZENDE, Eva, Dr; Medical University of  
Budapest, II. Medical Clinic (Budapesti Orvostudomanyi Egyetem, II. Belklinika).

"In Vitro Oxygen Uptake by Kidney, Brain and Liver Slices in Hypoxia."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, page 355.

Abstract: [Authors' Hungarian summary] Under in vitro conditions, the  
oxygen uptake by the renal cortex underwent a greater decrease, under hypoxia,  
than did the cerebrocortical and liver slices. 1 Western reference..

1/1

B R.

SKOLNIK, M. I.

44.

*Effect of zinc salts on carbohydrate metabolism.* P. V. Berenstein and M. I. Skolnik (J. Perytol. USSR, 1951, 17, 130-120). Subcutaneous injection of  $ZnSO_4$  or Zn acetate (0.1-0.2 mg./kg.) into dogs or rabbits has no effect on blood sugar, but doses of 0.5-8 mg./kg. cause hypoglycemia. In dogs,  $ZnSO_4$  (2.0 mg./kg.) reduces the alimentary hyperglycemia caused by oral administration of glucose (4 g./kg.). In rabbits,  $ZnSO_4$  (2.0 mg./kg.) has little effect on adrenaline hyperglycemia, and reduces the hypoglycemic effect of insulin. Injection of Zn also reduces the glycogenic activity of rabbit's blood.  
D. H. SMYTH.

SKOL'NIK, M.Ya.

Interaction of mineral elements in metabolism. Zhur. ob. biol. 16  
no. 2:119-140 Mr-Ap '55. (MLRA 8:5)

(MINERALS IN PLANTS)  
(PLANTS == METABOLISM)

ACCESSION NR: AT4043981

S/3106/64/000/008/0155/0160

AUTHOR: Skol'ny\*y, V. A.

TITLE: High-stability power supply for a circuit based on semiconductor elements

SOURCE: AN UkrSSR. Fiziko-mekhanichesky institut. Avtomaticheskij kontrol' i izmeritel'naya tekhnika, no. 8, 155-160

TOPIC TAGS: stabilizer, semiconductor, current stability, voltage source, automation, control system, voltage regulator, power supply, voltage stabilizer

ABSTRACT: The author describes a design for a power supply stabilizer to be used in the laboratory where a highly stable output voltage is required over a wide current range. With a 50 cps a.c. input, the output voltage of the source described varies from 1-50 volts, the current loading of the stabilizer can reach 1.5 amps, the output resistance does not exceed 0.07 ohms, the coefficient of stabilization is not less than 5000, the pulsation of the output voltage at full load does not exceed 1 millivolt, and the normal temperature range of operation is from -20 to +50C. The schematic of the stabilizer is shown in Figure 1 of the Enclosure. In addition to their laboratory applications, such stabilized power supplies are valuable in automatic control systems and computer technology.

Card 1/3

ACCESSION NR: AT4043981

Orig. art. has: 1 figure and 6 formulas.

ASSOCIATION: Fiziko-mekhanicheskiy Institut AN UkrSSR (Institute of Physics and Mechanics, AN Ukr SSR)

SUBMITTED: 00

ENCL: 01

SUB CODE: IE, EE

NO REF SOV: 002

OTHER: 000

Card 2/3

ACCESSION NR: AT4043981

ENCLOSURE: 01

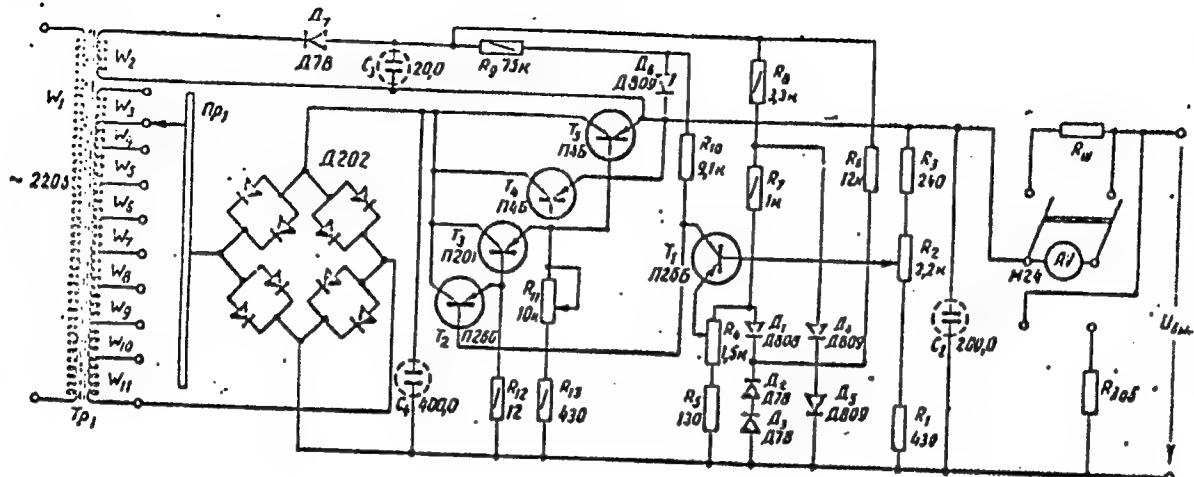


Fig. 1.  $R$  = resistance,  $W$  = transformer winding,  $D$  = stabilililtron,  $T$  = transistor.

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030003-3"

(A) L 13268-66 EWT(m)/EPF(n)-2/EWP(j)/T/EWP(t)/EWP(b)/EWA(c)/ETC(m)  
ACC NR: AP6001476 IJP(c) DE/JD/WW/JG/ SOURCE CODE: UR/0226/65/000/012/0063/0068  
RM

AUTHOR: Fedorov, T. P.; Kuz'ma, Yu. B.; Skolozdra, R. V.; Popova, N. M.

ORG: L'vov State University (L'vovskiy gosuniversitet im. I. Franko); A. A. Baykov  
Institute of Metallurgy (Institut metallurgii im. A. A. Baykova)

TITLE: Phase equilibria in the ternary systems Zr-Co-C and Nb-Fe-C

SOURCE: Poroshkovaya metallurgiya, no. 12, 1965, 63-68

TOPIC TAGS: phase equilibrium, ternary alloy, zirconium, cobalt, carbon, niobium,  
iron, X RAY ANALYSIS, TERNARY ALLOY

ABSTRACT: Specimens of the investigated alloys of the Zr-Co-C and Nb-Fe-C systems annealed at 800 and 1050°C, respectively, were examined by means of X-ray and microscopic analyses. The phase equilibria of these systems, as established by phase analysis, are shown in Figs. 1 and 2, respectively. ZrC is in an equilibrium with all the compounds of the Zr-Co system as well as with Co and Zr. For the alloys located in two-phase and three-phase regions the lattice constants of binary compounds do not change, which indicates an insignificant solubility of Co in ZrC and of C in binary compounds of the system Zr-Co. X-ray structural and microscopic analyses of 42 alloys revealed no ternary compounds in the Nb-Fe-C system. NbC at 1050°C is in an equilibrium with the phase  $NbFe_2$ , the  $\mu$ -phase,  $\alpha$ -Fe and  $Nb_2C$ , while the carbide  $Nb_2C$  is in

Card 1/4

L 13268-66

ACC NR: AP6001476

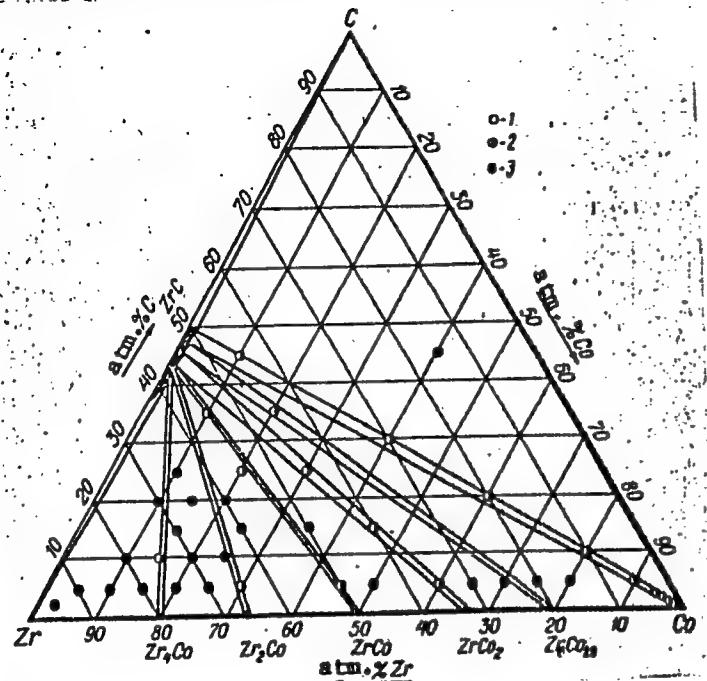


Fig. 1. Phase equilibria in the system Zr-Co-C at 800°C:

1 - single-phase; 2 - two-phase; 3 - three-phase

Card 2/4

L 13268-66  
ACC NR: AP6001476

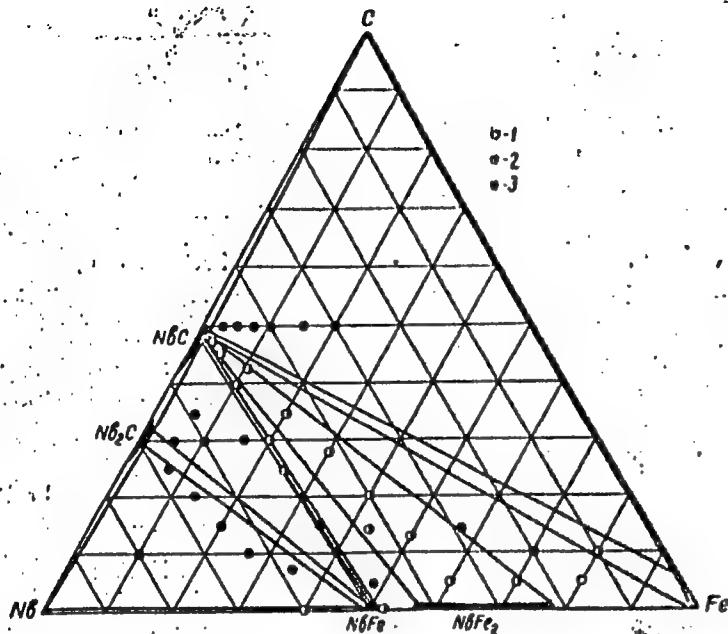


Fig. 2. Phase equilibria in the system Nb-Fe-C at 1050°C

1 - single-phase; 2 - two-phase; 3 - three-phase

Card 3/4

L 13268-66

ACC NR: AP6001476

equilibrium with Nb and  $\mu$ -phase. No traces of  $Nb_3C_2$  could be discovered. The absence of  $\sigma$ - and  $\eta$ -phases in alloys of the Nb-Fe-C system proves the invalidity of Goldschmidt's (H. Goldschmidt, J. Iron Steel Inst., 194, 2, 159, 1960) phase diagram of the Nb-Fe system. Orig. art. has: 4 figures.

SUB CODE: 11, 20/ SUBM DATE: 29Mar65/ ORIG REF: 007/ OTH REF: 013

Card 4/4

L 23585-66 EWT(m)/EWP(e)/T/EWP(t) IJP(c) JD/JG

ACC NR: AP6012772

SOURCE CODE: UR/0226/66/000/004/0055/0060

AUTHOR: Gladyshevskiy, Ye. I.; Fedorov, T. F.; Kuz'ma, Yu. B.; Slobodzra, R. V. 38  
B

ORG: Lvov Order of Lenin State University im. Iv. Franko (Lvovskiy ordena Lenina gosuniversitet); Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)

TITLE: The system molybdenum-iron-boron

SOURCE: Poroshkovaya metallurgiya, no. 4, 1966, 55-60

TOPIC TAGS: molybdenum compound, boron compound, ternary compound, isothermal cross section

ABSTRACT: The system Mo-Fe-B has been investigated by x-ray and microscopic analyses, and its isothermal cross section is given. The phase equilibria were established at 1000°C. The ternary compound  $Mo_2FeBe_2$  was found to exist in the range 20--28 at % Fe, with a  $U_3Si_2$ -type superstructure ( $a = 5.807 - 5.729 + 0.004 \text{ \AA}$ ,  $c = 3.142 - 3.151 + 0.003 \text{ \AA}$ ). The ternary compound  $(Mo, Fe)B$  has a CrB-type structure (the lattice constants are similar to those of the high-temperature modification of MoB). The compound  $MoFe_2B_4$  has a  $Ta_3B_4$ -type superstructure ( $a = 3.128$ )

Card 1/2

L 23585-66  
ACC NR: AP6012772

+ 0.005 Å, b = 12.70 + 0.01 Å, c = 2.984 + 0.005 Å). Iron was found  
to have a stabilizing effect on the high-temperature modification of  
MoB. Orig. art. has: 3 figures and 3 tables. [Based on author's  
abstract] [AM]

SUB CODE: 11, 07/ SUBM DATE: 05May65/ ORIG REF: 002/ OTH REF: 004

Card 2/2

L 27075-66 EWT(m) JD/JG

ACC NR: AP6017477

SOURCE CODE: UR/0185/66/011/002/0206/0208

AUTHOR: Skolozdra, R. V.; Gladyshevs'kyy, Ye. I.; Krypyakevych, P. I.

59

ORG: L'vov State University im. I. Frank (L'viv's'kyy derzhuniversytyet)

B

TITLE: Compound with structure of the  $W_{6-7}Fe_{7-8}$  type in the Mo-Ni-Si system

SOURCE: Ukrayins'kyy fizichnyy zhurnal, v. 11, no. 2, 1966, 206-208

27 27 27

TOPIC TAGS: crystal structure, metal crystal, tungsten, iron, molybdenum, nickel, silicon

ABSTRACT: The crystal structure of the phase  $Mo_6(Ni_{0.75}Si_{0.25})$  was determined by means of X-ray diffraction. The structure belongs to the  $W_6Fe_7$  type (space group  $R\bar{3}m-D_{3d}^5$ ;  $a = 4.738 \pm 0.003 \text{ \AA}$ ,  $c = 25.85 \pm 0.01 \text{ \AA}$ ,  $c/a = 5.456$ ). Orig. art. has: 1 table. [JPRS]

SUB CODE: 11, 20 / SUBM DATE: 16Apr65 / ORIG REF: 007 / OTH REF: 005

2

Card 1/1 ✓

SKOLOTNEV, K.M.

Results of the competition for the best scientific and technological suggestions. Transp. stroi. 12 no.6:51-52 Je '62, (MIRA 15:6)  
(Building--Technological innovations)

SMIRNOV-AVERIN, A.P.; KROT, N.N.; SKOLOV, A.B.

Removal of ethylenediaminetetraacetic acid from solutions by  
oxidation [with summary in English]. Zhur. anal. khim. 13  
no.3:280-283 My-Je '58. (MIRA 12:3)  
(Acetic acid) (Oxidation)

SKOLOV, A.M.

Resistance of apple trees to fruit spot. Agrobiologija no.4:625-  
626 J1-Ag '61. (MIRA 14:7)

1. Luganskiy sel'skokhozyaystvennyy institut,  
(Apple—Disease and pest resistance)

SKOLOV, Yu. D.

USSR/Geophysics - Ground Waters, Nov/Dec 51  
Drainage Canals

"The Flow of Ground Waters Toward a Drainage Ditch  
Trapezoidal in Cross Section," Yu. D. Skolov,  
Kiev

"Priklad Matemat i Makh" Vol XV, No 6, pp 683-688

Discusses earlier solns of subject problem. Latest  
soln, that of S. V. Fal'kovich, possessed in incor-  
rection, which is solved here. Submitted 19 Jun 51.

19827

SKOLOVSKY, V. A.

741.46

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Heat losses in operating pneumatic clutches in draw-works.  
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1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy  
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